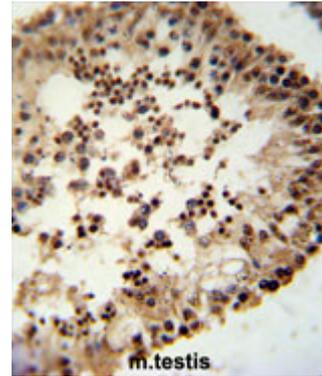


## Polyclonal Antibody to VCY2 (N-term) - Aff - Purified

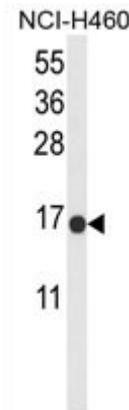
<b>Alternate names:</b>	A, BPY2, BPY2A, Basic charge, Testis-specific basic protein Y 2, Variably charged protein Y 2, Y-linked 2
<b>Catalog No.:</b>	AP54504PU-N
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.25 mg/ml
<b>Background:</b>	This gene is located in the nonrecombining portion of the Y chromosome, and expressed specifically in testis. The encoded protein interacts with ubiquitin protein ligase E3A and may be involved in male germ cell development and male infertility. Three nearly identical copies of this gene exist on chromosome Y; two copies are part of a palindromic region. This record represents the copy outside of the palidromic region.
<b>Uniprot ID:</b>	<a href="#">O14599</a>
<b>NCBI:</b>	<a href="#">NP_001002760</a>
<b>GeneID:</b>	<a href="#">442867</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 1~31 amino acids from the N-terminal region of human VCY2
<b>Format:</b>	<b>State:</b> Liquid Ig fraction <b>Purification:</b> Protein A column followed by peptide affinity purification <b>Buffer System:</b> PBS with 0.09% (W/V) sodium azide
<b>Applications:</b>	ELISA: 1:1;000. Western blot: 1:100~500. Immunohistochemistry on paraffin sections: 1:50~100. Flow cytometry: 1:10~50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects VCY2 (N-term).
<b>Species Reactivity:</b>	<b>Tested:</b> Human
<b>Add. Information:</b>	<b>Molecular Weight:</b> 12063 Da
<b>Storage:</b>	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Choi, J., et al. Int. J. Urol. 14(5):431-435(2007). 2. Repping, S., et al. Genomics 83(6):1046-1052(2004). 3. Wong, E.Y., et al. Biol. Reprod. 70(3):775-784(2004).

Pictures:

VCY2 Antibody (N-term) (AP54504PU-N) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the VCY2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western blot analysis of VCY2 Antibody (N-term) (AP54504PU-N) in NCI-H460 cell line lysates (35 µg/lane). VCY2 (arrow) was detected using the purified Pab.



VCY2 Antibody (N-term) (AP54504PU-N) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

